

Amendment 332 Contract No. 229944

To the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System

This Amendment 332 to the Contract for the Design, Implementation, Operation and Maintenance of the Regional Fare Coordination System is entered into this 1st day of May, 2015, by and between Vix Technology (USA) Inc (formerly known as ERG Transit Systems (USA) Inc), a California corporation and wholly owned subsidiary of Vix Mobility Pty Ltd, an Australian corporation, (hereinafter referred to as the "Contractor") and each of the following seven public transportation agencies (hereinafter referred to individually as an "Agency" or collectively as the "Agencies"):

1. Central Puget Sound Regional Transit Authority ("Sound Transit")
2. King County ("King County")
3. Kitsap County Public Transportation Benefit Area ("Kitsap Transit")
4. Pierce County Public Transportation Benefit Area ("Pierce Transit")
5. Snohomish County Public Transportation Benefit Area ("Community Transit")
6. City of Everett ("Everett")
7. State of Washington, acting through the Washington State Department of Transportation, Washington State Ferries Division ("WSF")

Recitals

- A. Effective April 29, 2003, each of the Agencies and the Contractor entered into Contract #229944 ("Contract") to implement a Regional Fare Coordination System ("RFC System") to establish a common fare system utilizing smart card technology. The Contractor is responsible for the development, implementation, operation and maintenance of the RFC System as specified in the Contract.
- B. The Agencies and the Contractor desire to amend Section VI of Exhibit 9, Price Schedule Special Programs, to compensate the Contractor for the work necessary to upgrade nine (9) ORCA system domain controllers (DCs) from Windows Server 2003 to Windows Server 2012 R2. This work is detailed in Change Request CR-11538 *Domain Controller Upgrade v3.0*.
- C. The Parties agree that the Work necessary to upgrade the DCs will be performed and compensated as described below.

Agreement

Section 1.0 Description of Work

The Contractor will provide the services of a qualified Technical Engineer, Engineering Manager, Technical Writer, Junior Programmer (Integration/Test) and System Design Manager to perform the upgrade. The work must be performed in a specific sequence as described in the following phases.

1.0 In Phase 1 the Contractor will complete the following work in the Regional Test Bed (RTB) and the Integration Test Bed (ITB) to upgrade the DCs.

1.1 Confirm that new DCs have been setup in parallel with the existing DCs

- i. Confirm data replication is accurate and completing as expected
- ii. Confirm Domain Name System (DNS) State of Authority (SOA) and other DNS settings are accurate
- iii. Confirm locations of the Flexible Single Master Operation (FSMO) roles
- iv. Confirm that the FSMO role settings are accurate and in the correct location

1.2 Decommission the former DCs

1.3 Assign the new DCs into the Internet Protocol (IP) addresses of the decommissioned DCs

- i. Confirm data replication is accurate and completing as expected
- ii. Confirm DNS SOA and other DNS settings are accurate
- iii. Confirm locations of FSMO roles
- iv. Confirm that the FSMO role settings are accurate and in the correct location

2.0 In Phase 2 the Contractor will confirm the creation of the new DC virtual guests at the new disaster recovery (DR) site and in production

2.1 Utilize the HyperV (virtual guest machine) DCs at Agency sites to:

- a) Confirm that the DR site and production 2012 DC virtual guests have been created
- b) Set up the new 2012 DCs
- c) Move Mass Access Control (MAC) from PRD-DCT-001server to the Configuration Data Administrator (CDA) and repeat the following steps i. through iv.
 - i. Confirm data replication is accurate and completing as expected
 - ii. Confirm DNS SOA and other DNS settings are accurate
 - iii. Confirm locations of FSMO roles
 - iv. Confirm that the FSMO role settings are accurate and in the correct location
- d) Decommission the former DR DCs

- e) Move the new DR DCs into place
 - i. Confirm data replication is accurate and completing as expected
 - ii. Confirm DNS SOA and other DNS settings are accurate
 - iii. Confirm locations of FSMO roles
 - iv. Confirm that the FSMO role settings are accurate and in the correct location

3.0 In Phase 3 the Contractor will decommission the production DCs

3.1 During scheduled maintenance window number one (1)

- a) Decommission the former production DCs
- b) Move the new production DCs into place
 - i. Confirm that data replication is accurate and completing as expected
 - ii. Confirm DNS SOA and other DNS settings are accurate
 - iii. Confirm locations of FSMO roles
 - iv. Confirm that the FSMO role settings are accurate and in the correct location

4.0 In Phase 4 the Contractor will decommission the Agency former DCs

4.1 During scheduled maintenance window number two (2)

- a) Decommission the Agency DCs
- b) Remove the separate Agency site definitions from Active Directory (AD)
 - i. Move the subnets into the main site
 - ii. Confirm that replication is accurate and completing as expected
 - iii. Confirm DNS SOA and other DNS settings are accurate
 - iv. Confirm locations of FSMO roles
 - v. Confirm that the FSMO role settings are accurate and in the correct locations
- c) Delete the agency DC HyperV virtual guest machines

Section 2.0 Schedule

2.1 The Work described in Section 1.0 will be completed by June 30, 2015

NOW, THEREFORE, in consideration of the mutual covenants contained herein, the sufficiency of which is hereby acknowledged, the Parties hereby agree to amend the Contract as follows:

Section 3.0 Compensation Changes

Per the Settlement Agreement the Agencies have agreed to pay fifty (50) percent of the cost of this system security work.

Section VI (Implementation) of Exhibit 9, Price Schedule, is hereby amended to read as follows:

VI. IMPLEMENTATION

SPECIAL PROGRAMS

LUMP SUM COST

Amendment No. 332


To provide qualified staff to upgrade nine (9) ORCA system domain controllers.	
TOTAL	\$6,028

Section 4.0 Other Terms and Conditions


All other provisions of the Contract not referenced in this Amendment 332 shall remain in effect.

IN WITNESS WHEREOF, authorized representative of the Agencies and the Contractor have signed their names in the spaces provided below.

Vix Technology (USA) Inc.

By: 
Its: General Manager
Date: 4/29/15

The Agencies

By: 
Their: Operations Manager
On behalf of the Agencies
Date: May 1, 2015